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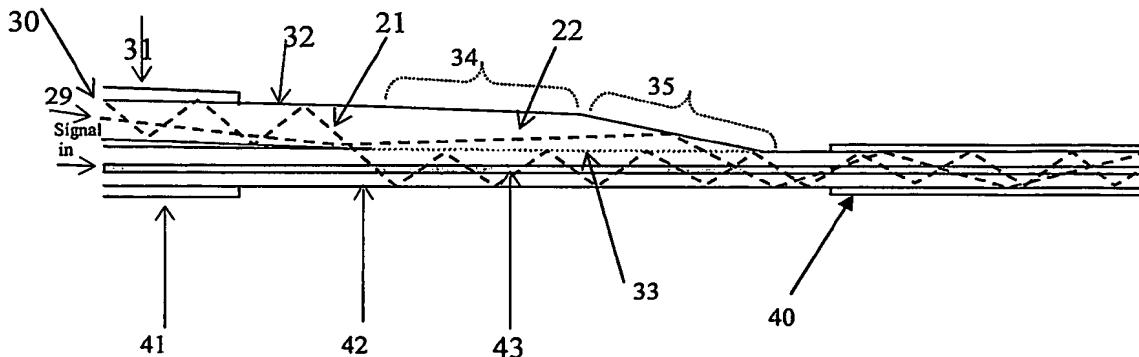
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(54) Title: OPTICAL APPARATUS



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(57) Abstract: Optical apparatus comprising a pump guiding fiber comprising a fiber cladding, a fiber core and an attachment section, the attachment section comprising a straight core section and a tapered core section, and a receiving fiber comprising an inner clad to which the attachment section is attached.

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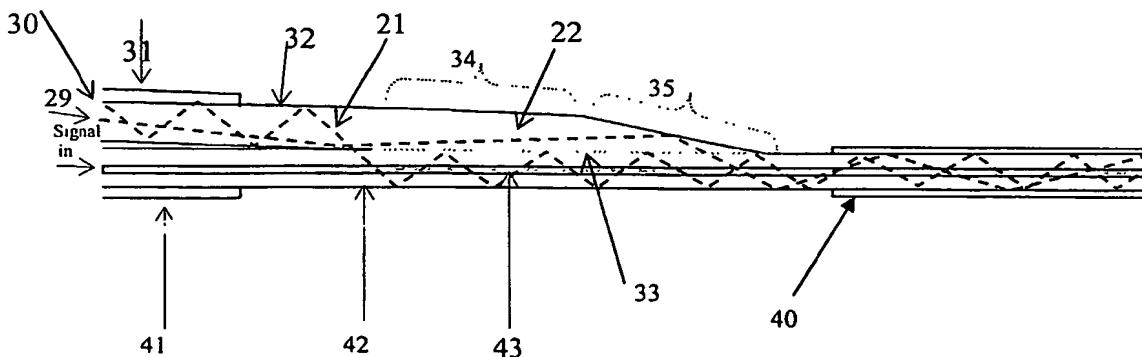
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